

**E**very body has seen many things  
that they had never before.  
**I**f you want to know more about  
the world, go to the library.

|                       |                     |                     |                       |                     |                     |
|-----------------------|---------------------|---------------------|-----------------------|---------------------|---------------------|
| AGGCCGTGCC<br>V P     | TATCCAGAAA<br>I Q K | GTCCAGGATG<br>V Q D | ACACCAAAAC<br>D T K T | CCTCATCAAG<br>L I K | ACAATTGTGA<br>T I V |
| CCAGGATCAA<br>T R I N | TGACATCTCA<br>D I S | CACACGCAGT<br>H T Q | CCGTCTCCTC<br>S V S S | CAAACAGAGG<br>K Q R | GTCACTGGTT<br>V T G |
| TGGACTTCAT<br>L D F I | CCCTGGGCTC<br>P G L | CACCCTCTCC<br>H P L | TGAGTTTGTG<br>L S L S | CAAGATGGAC<br>K M D | CAGACATTGG<br>Q T L |
| CGATCTACCA<br>A I Y Q | ACAGATCCTC<br>Q I L | ACCAGTCTGC<br>T S L | CTTCCAGAAA<br>P S R N | TGTGGTCCAA<br>V V Q | ATATCCAATG<br>I S N |
| ACCTGGAGAA<br>D L E N | CCTCCGGGAC<br>L R D | CTTCTCCACC<br>L L H | TGCTGGCCGC<br>L L A A | CTCCAAGAGC<br>S K S | TGCCCCTTGC<br>C P L |
| CGCAGGTCAG<br>P Q V R | GGCCCTGGAG<br>A L E | AGCTTGGAGA<br>S L E | GCTTGGGTGT<br>S L G V | CGTCCTGGAA<br>V L E | GCCTCCCTCT<br>A S L |
| ACTCCACCGA<br>Y S E E | GGTGGTGGCC<br>V V A | CTGAGCCGGC<br>L S R | TGCAGGGGTC<br>L Q G S | ACTACAGGAC<br>L Q D | ATGTTGCGGC<br>M L R |
| AGCTGGACCT<br>Q L D L | CAGCCCTGAA<br>S P E | TGCAGCGCT<br>C      |                       |                     |                     |

FIGURE 2A

Query: 1 AGGCCGTGCCTATCCAGAAAGTCCAGGATGACACCAAAACCCTCATCAAGACAATTGTCA 60  
 |||||  
 Sbjct: 59 AAGCTGTGCCCATCCAAAAAGTCCAAGATGACACCAAAACCCTCATCAAGACAATTGTCA 118  
 Query: 61 CCAGGATCAATGACATCTCACACACGCAGTCCGTCTCCTCCAAACAGAGGGTCACTGGTT 120  
 |||||  
 Sbjct: 119 CCAGGATCAATGACATTTACACACGCAGTCAGTCTCCTCCAAACAGAAAGTCACCGGTT 178  
 Query: 121 TGGACTTCATCCCTGGGCTCCACCCTCTCCTGAGTTTGTCCAAGATGGACCAGACATTGG 180  
 |||||  
 Sbjct: 179 TGGACTTCATTCTGGGCTCCACCCCATCCTGACCTTATCCAAGATGGACCAGACACTGG 238  
 Query: 181 CGATCTACCAACAGATCCTCACCAGTCTGCCTTCCAGAAATGTGGTCCAAATATCCAATG 240  
 |||||  
 Sbjct: 239 CAGTCTACCAACAGATCCTCACCAGTATGCCTTCCAGAAACGTGATCCAAATATCCAACG 298  
 Query: 241 ACCTGGAGAACCTCCGGGACCTTCTCCACCTGCTGGCCGCCTCCAAGAGCTGCCCCCTTGC 300  
 |||||  
 Sbjct: 299 ACCTGGAGAACCTCCGGGATCTTCTTCACGTGCTGGCCTTCTCTAAGAGCTGCCACTTGC 358  
 Query: 301 CGCAGGTCAGGGCCCTGGAGAGCTTGGAGAGCTTGGTGTGTCGTCCTGGAAGCCTCCCTCT 360  
 |||||  
 Sbjct: 359 CCTGGGCCAGTGGCCTGGAGACCTTGGACAGCCTGGGGGGTGTCTGGAAGCTTCAGGCT 418  
 Query: 361 ACTCCACCGAGGTGGTGGCCCTGAGCCGGCTGCAGGGGTCACTACAGGACATGTTGCGGC 420  
 |||||  
 Sbjct: 419 ACTCCACAGAGGTGGTGGCCCTGAGCAGGCTGCAGGGGTCTCTGCAGGACATGCTGTGGC 478  
 Query: 421 AGCTGGACCTCAGCCCTGAATGCAG 445  
 |||||  
 Sbjct: 479 AGCTGGACCTCAGCCCTGGGTGCTG 503

Query = bovine leptin cDNA  
 Sbjct = human leptin cDNA

**P**ersonalities are the most important factor in determining the success or failure of a business enterprise. The personal qualities of the owner, manager, and employees all play a part in determining the outcome of the business.

Query = bovine leptin cDNA  
Sbjct = murine leptin cDNA

**THE** *Journal of* **the** *American* **Society** *for* **the** *Study* **of** *International Law*

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                                10      20      30      39
Clconl                      VPIQKVQDDTKTLIKTIVTRINDISHTQSVSSKQRVTGL
                               |||||
Ob_Hum MHWGTLCGFLWLWPYLFYVQAVPIQKVQDDTKTLIKTIVTRINDISHTQSVSSKQKVTVL
                        10      20      30      40      50      60

                                40      50      60      70      80      90      99
Clconl DFIPGLHPLLSSLKMDQTLAIYQQILTSLSRNVVQIISNDLENLRDLLHLLAASKSCPLP
          |||||:::|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Ob_Hum DFIPGLHPILTSLKMDQTLAVYQQILTSMPSRNVIQIISNDLENLRDLLHVLAFSKSCHLP
                        70      80      90      100     110     120

                                100     110     120     130     140
Clconl QVRALESLESLGVVLEASLYSTEVALSRLQGSLQDMLRQLDLSPGC
          ::|||:|||||:|||||:|||||:|||||:|||||:|||||
Ob_Hum WASGLETLDSLGGVLEASGYSTEVALSRLQGSLQDMLWQLDLSPGC
                        130     140     150     160

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Clcon1 = predicted bovine leptin amino acid sequence  
Ob Hum = human leptin amino acid sequence

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Clcon1 = predicted bovine leptin amino acid sequence  
Ob Mou = murine leptin amino acid sequence

FIGURE 4

1 VPIQKVQDDTKTLIKTIVTRINDISHTQSV 30

FOUO 000000

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Sbjct: 22 VPIQKVQDDTKTLIKTIVTRINDISHTQSV 51

**THE**

Sbjct: 22 VPIQKVQDDTKTLIKTIVTRINDISHTQSV 51